CLAIMS

We claim:

1. A purified and isolated polynucleotide encoding the amino acid sequence of chemokine receptor 88-2B set out in SEQ ID NO:4.

2. A polynucleotide according to claim 1 wherein the polynucleotide is DNA.

3. A polynucleotide according to claim 2 wherein the polynucleotide is genomic DNA.

4. A polynucleotide according to claim 2 wherein the polynucleotide is cDNA.

5. A polynucleotide according to claim 1 which is a wholly or partially chemically synthesized DNA.

6. An RNA transcript of the polynucleotide of claim 2.

7. A cDNA according to claim 4 comprising the DNA of SEQ ID NO:3.

8. A biologically functional DNA vector comprising a DNA according to claim 2.

9. A vector according to claim 8 wherein said DNA is operatively linked to a DNA expression control sequence.

10. A host cell stably transformed or transfected with a DNA according to claim 1 in a manner allowing expression of said DNA.

11. A method for producing an 88-2B polypeptide comprising the steps of growing a host cell according to claim 10 in a suitable nutrient medium and isolating said polypeptide from said cell or medium.

12. A polynucleotide encoding an 88-2B polypeptide wherein said polynucleotide hybridizes under stringent hybridization conditions to the polynucleotide of SEQ ID NO: 3.

13. A purified and isolated polypeptide comprising the chemokine receptor 88-2B amino acid sequence set out in SEQ ID NO:4.

14. An antibody product that specifically binds a polypeptide comprising the 88-2B amino acid sequence set out in SEQ ID NO:4.

15. A hybridoma producing an antibody product according to claim 14.

16. A purified and isolated polynucleotide encoding the amino acid sequence of chemokine receptor 88C set out in SEQ ID NO:2.

17. A polynucleotide according to claim 16 wherein the polynucleotide is DNA.

18. A polynucleotide according to claim 17 wherein the polynucleotide is genomic DNA.

19. A polynucleotide according to claim 17 wherein the polynucleotide is a cDNA.

20. A polynucleotide according to claim 16 which is a wholly or partially chemically synthesized DNA.

21. An RNA transcript of the polynucleotide of claim 17.

22. A cDNA according to claim 19 comprising the DNA of SEQ ID NO:1.

23. A biologically functional DNA vector comprising a DNA according to claim 17.

24. A vector according to claim 23 wherein said DNA is operatively linked to a DNA expression control sequence.

25. A host cell stably transformed or transfected with a DNA according to claim 16 in a manner allowing expression of said DNA.

26. A method for producing an 88C polypeptide comprising the steps of growing a host cell according to claim 25 in a suitable nutrient medium and isolating said polypeptide from said cell or medium.

27. A polynucleotide encoding an 88C polypeptide wherein said polynucleotide hybridizes under stringent hybridization conditions to the polynucleotide of SEQ ID NO: 1.

28. A purified and isolated polypeptide comprising the chemokine receptor 88C amino acid sequence set out in SEQ ID NO:2.

29. An antibody product that specifically binds a polypeptide comprising the 88C amino acid sequence set out in SEQ ID NO:2.

30. A hybridoma producing an antibody product according to claim 29.

31. Hybridoma cell line 227K.

32. Hybridoma cell line 227M.

33. Hybridoma cell line 227N.

34. Hybridoma cell line 227P.

35. Hybridoma cell line 227R.

36. A purified and isolated polynucleotide encoding the amino acid sequence of macqaque chemokine receptor 88C set out in SEQ ID NO: 20.

37. A polynucleotide according to claim 36 wherein the polynucleotide is DNA.

38. A polynucleotide according to claim 37 wherein the polynucleotide is genomic DNA.

39. A polynucleotide according to claim 37 wherein the polynucleotide is a cDNA.

40. A polynucleotide according to claim 36 which is a wholly or partially chemically synthesized DNA.

41. An RNA transcript of the polynucleotide of claim 37.

42. A cDNA according to claim 39 comprising the DNA of SEQ ID NO:1.

43. A biologically functional DNA vector comprising a DNA according to claim 37.

44. A vector according to claim 43 wherein said DNA is operatively linked to a DNA expression control sequence.

45. A host cell stably transformed or transfected with a DNA according to claim 36 in a manner allowing expression of said DNA.

46. A method for producing a macqaque 88C polypeptide comprising the steps of growing a host cell according to claim 45 in a suitable nutrient medium and isolating said polypeptide from said cell or medium.

47. A polynucleotide encoding an 88C polypeptide wherein said polynucleotide hybridizes under stringent hybridization conditions to the polynucleotide of SEQ ID NO: 19.

48. A purified and isolated polypeptide comprising the macqaque chemokine receptor 88C amino acid sequence set out in SEQ ID NO:20.

49. An antibody product that specifically binds a polypeptide comprising the 88C amino acid sequence set out in SEQ ID NO:20.

50. A hybridoma producing an antibody product according to claim 49.